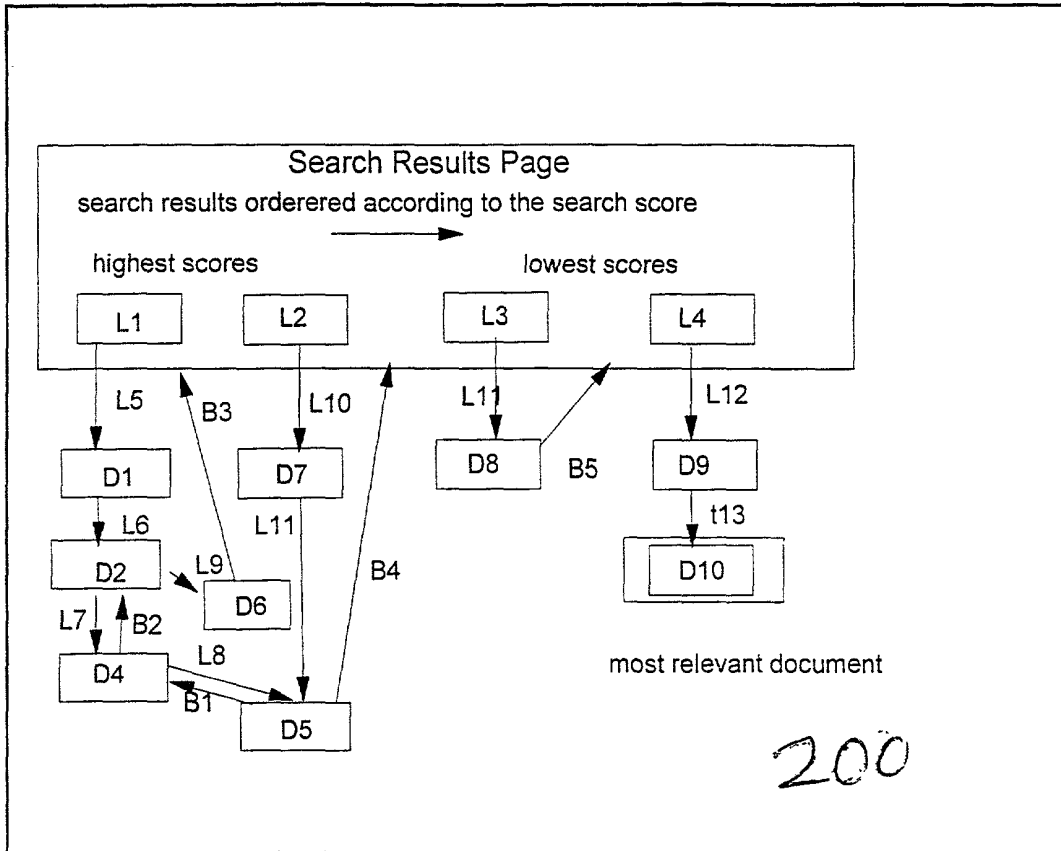


Fig 1

FIG. 2



106290 8926860

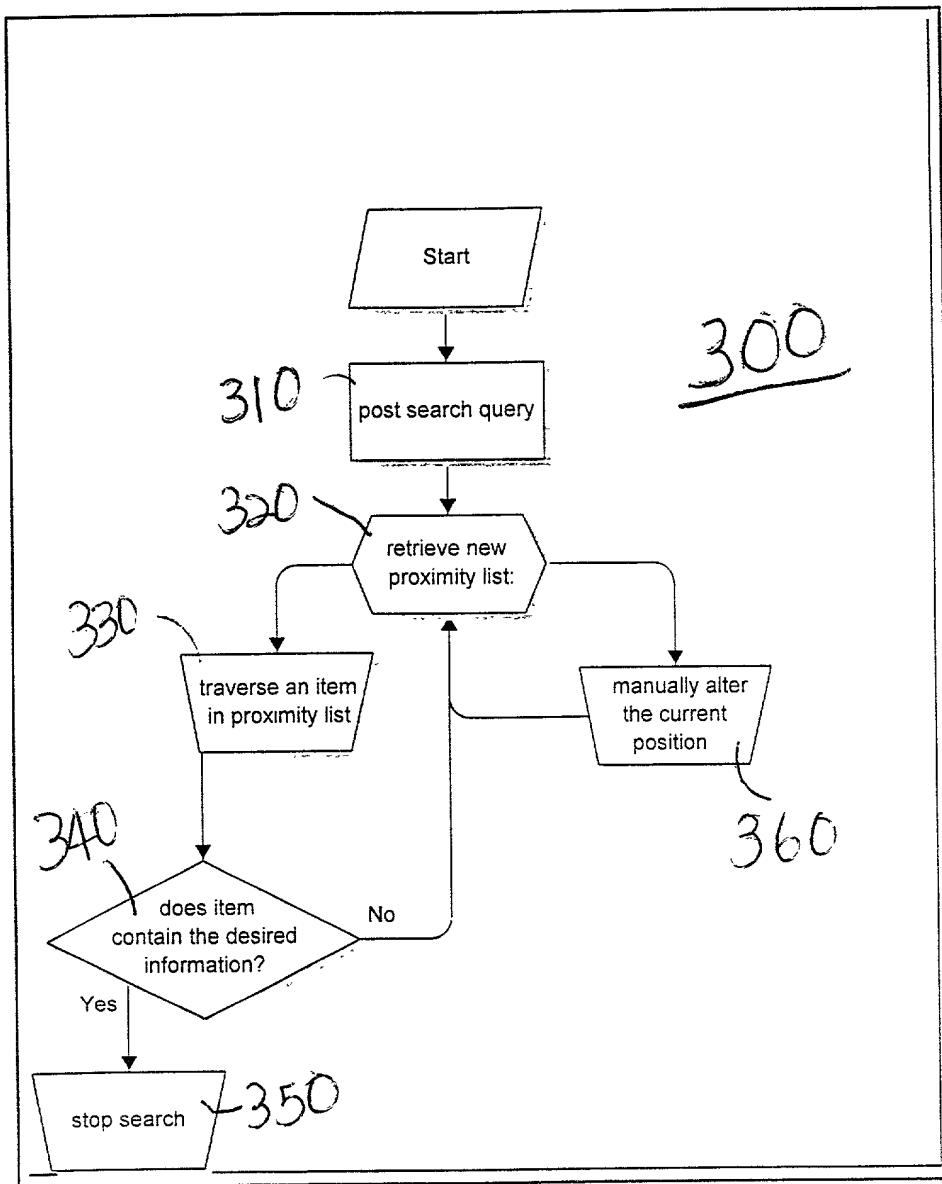


Fig 3

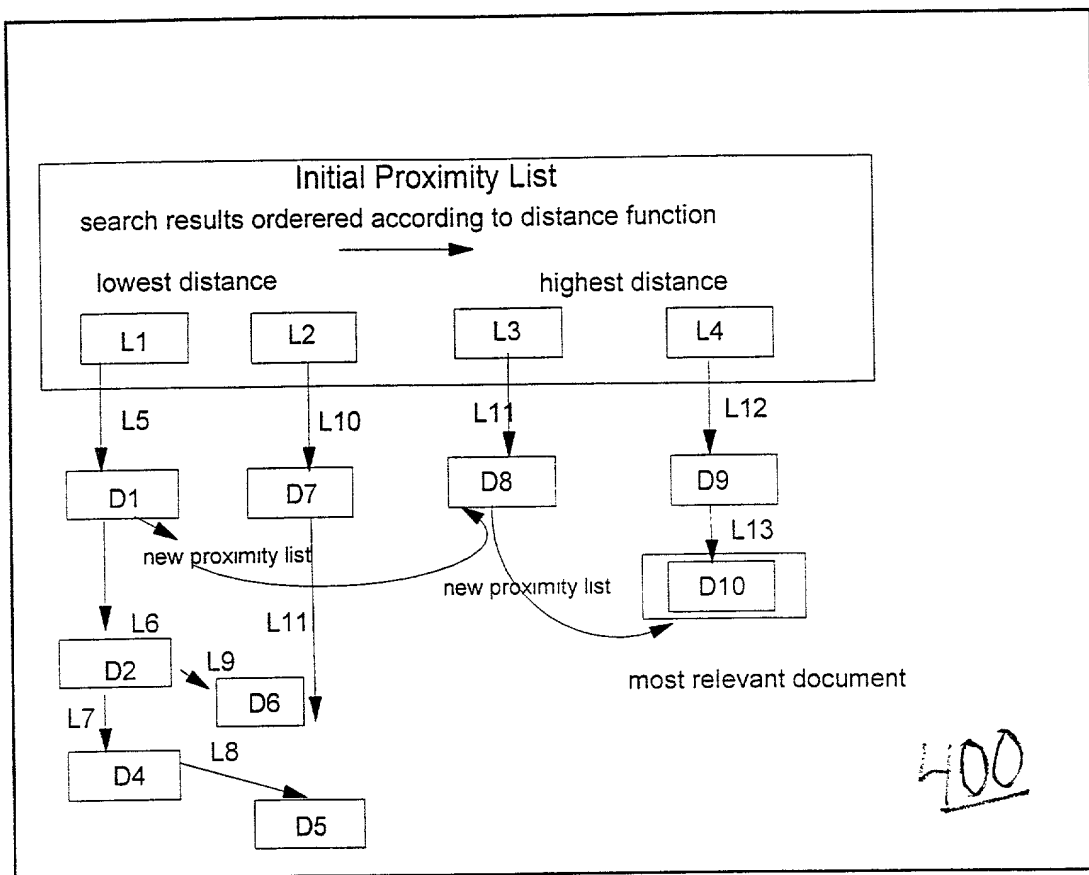
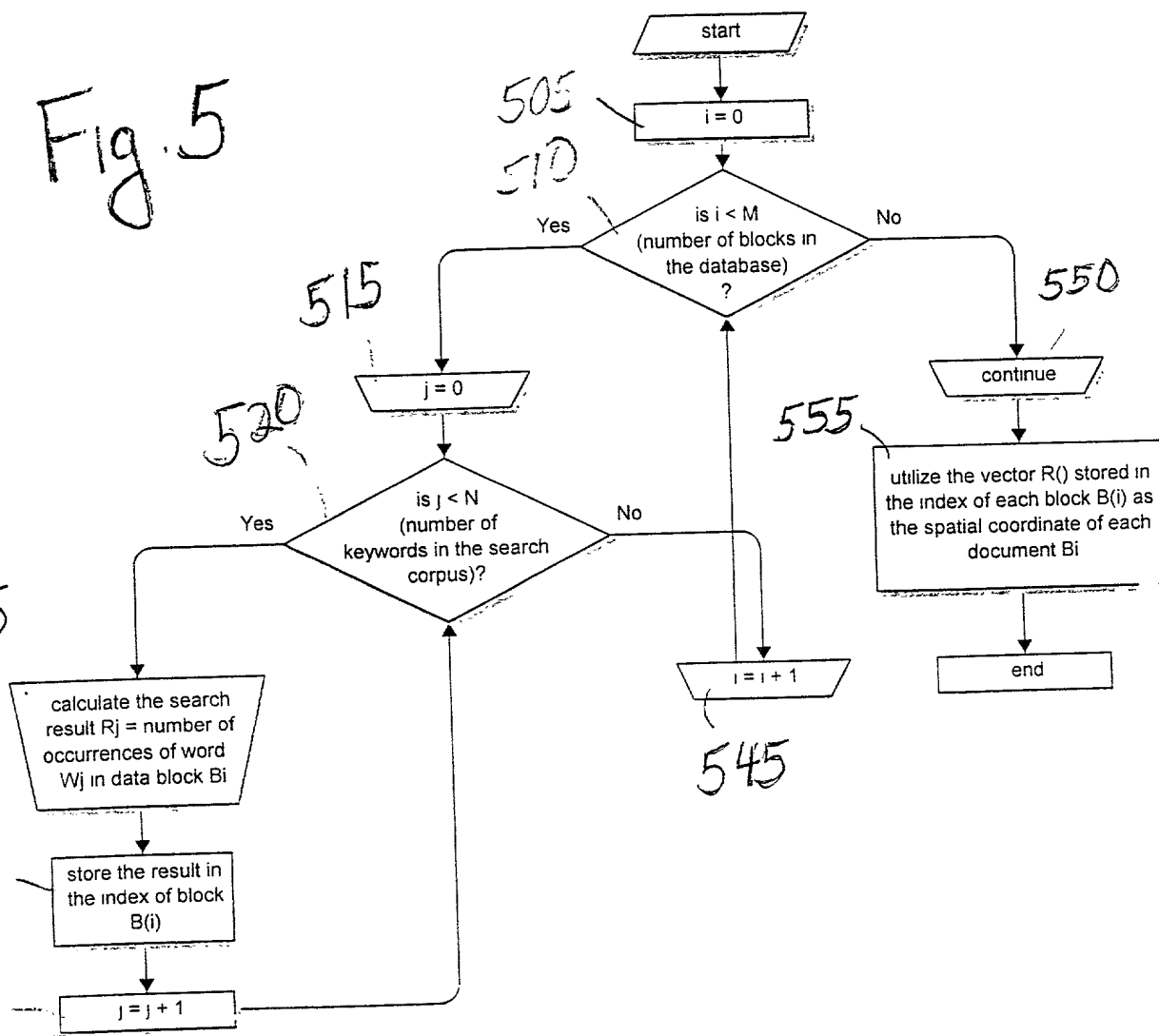
[illegible]

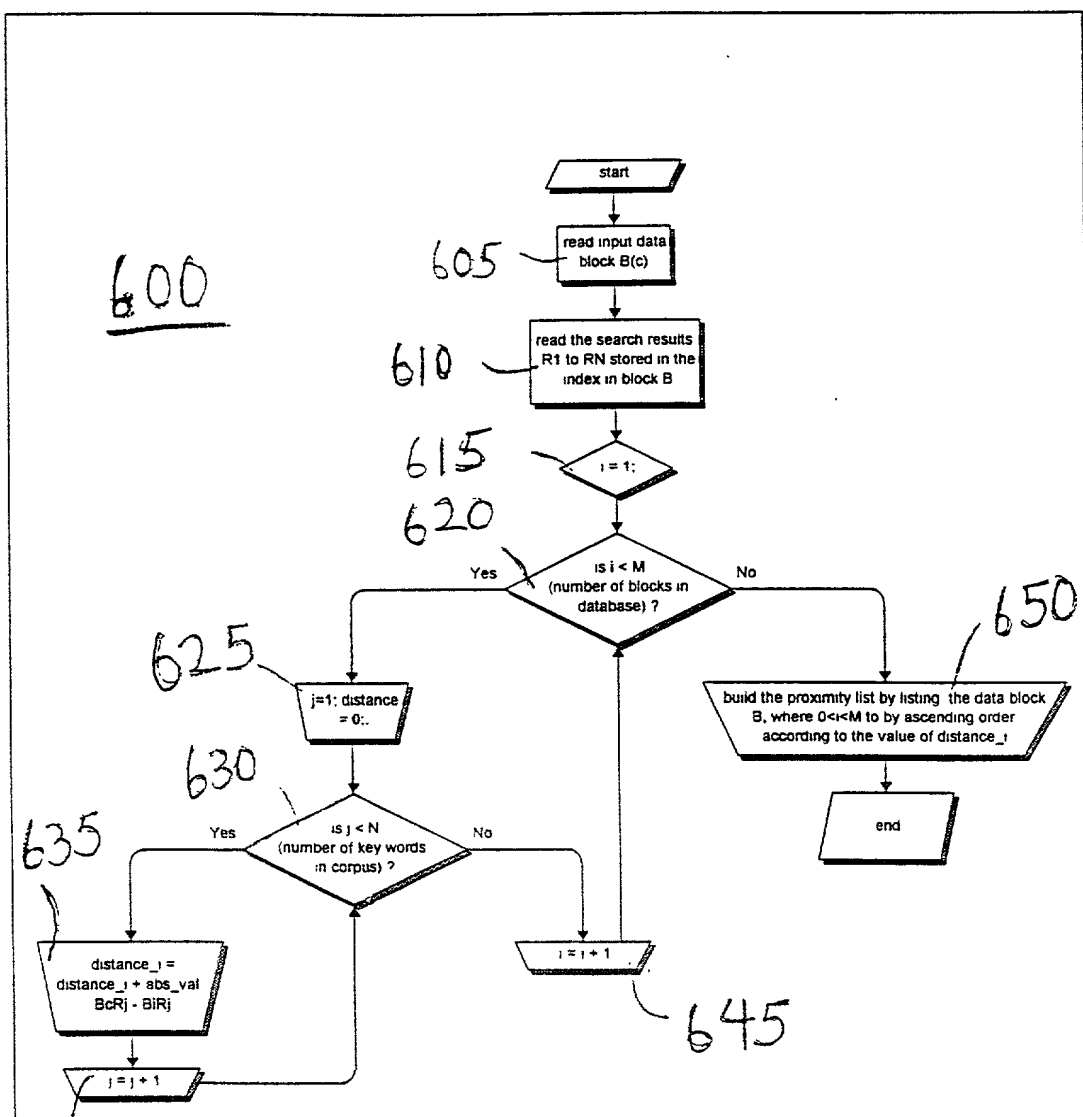
Fig 4

Fig. 5



500

Fig. 6



100853783-100853783

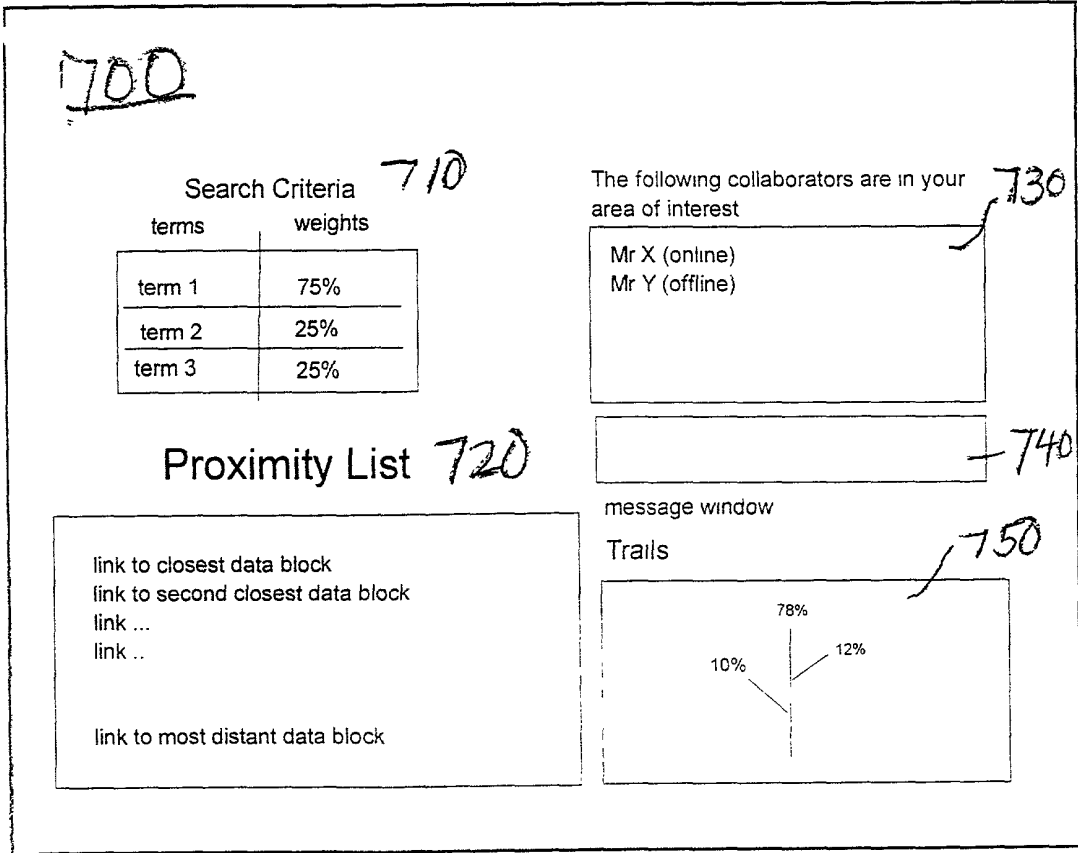


Fig. 7

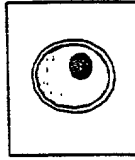
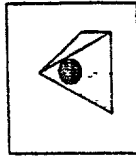
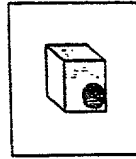
# Proposed Prototype: Collaborative Research Portal

800

## Search Results

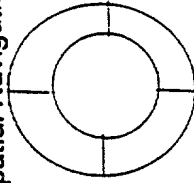
Closest results in cyberspace  
Most likely trail matches

820



Three dimensional projections of the search space

## Spatial Navigation



810

Number of navigational dimensions: 4

The following collaborators are in your  
area of interest

Mr.X (online)  
Mr Y (offline)

830

840

message window

Trails

850

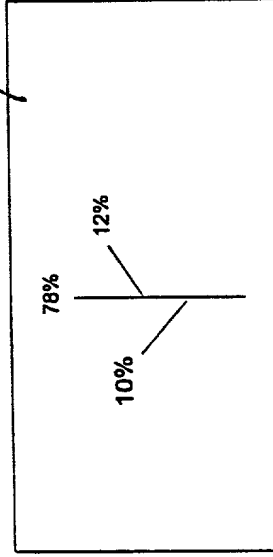




FIG. 9

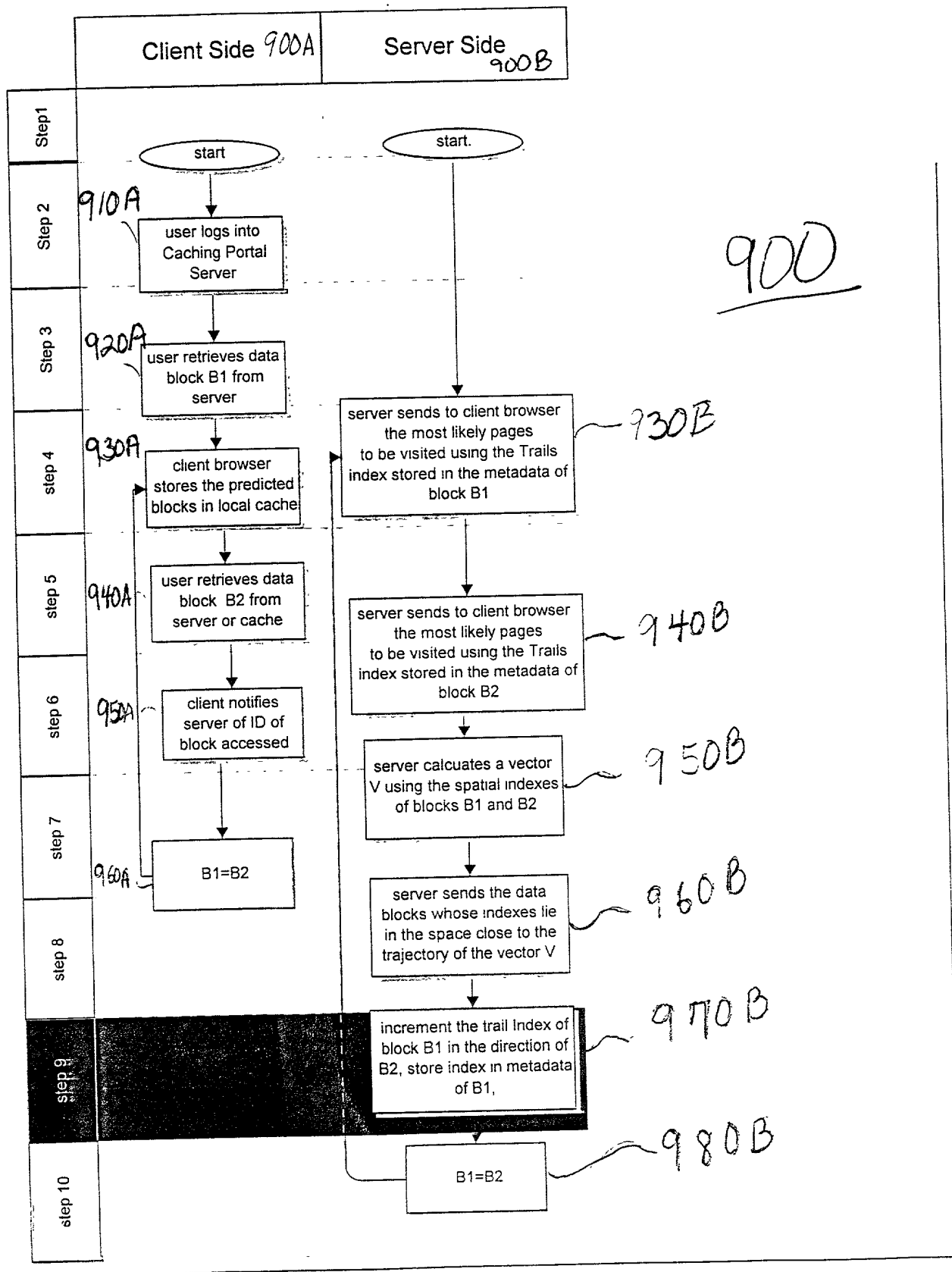


Fig. 9

10A  
20A  
030A  
T05290" 882E660

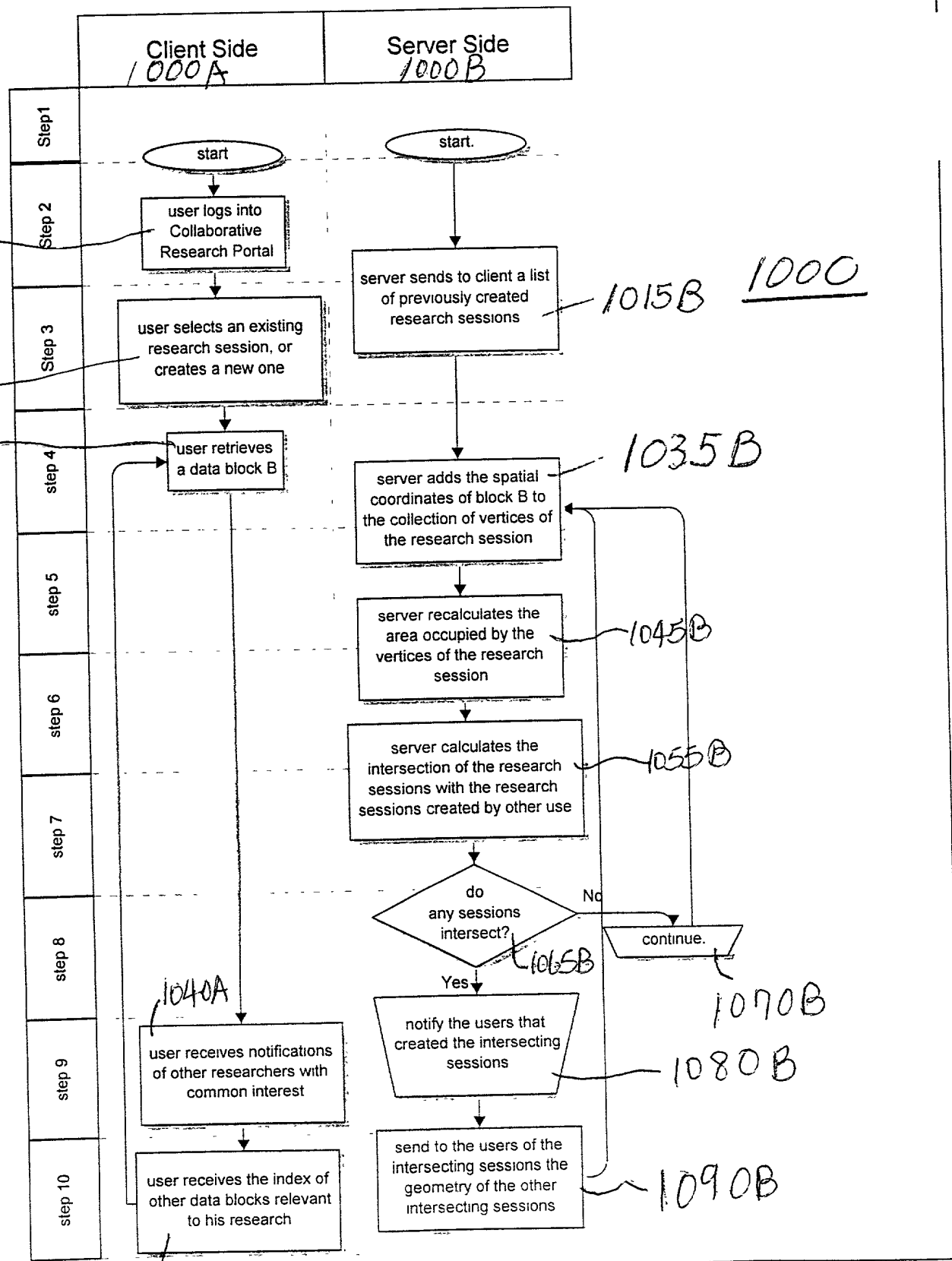


Figure 10

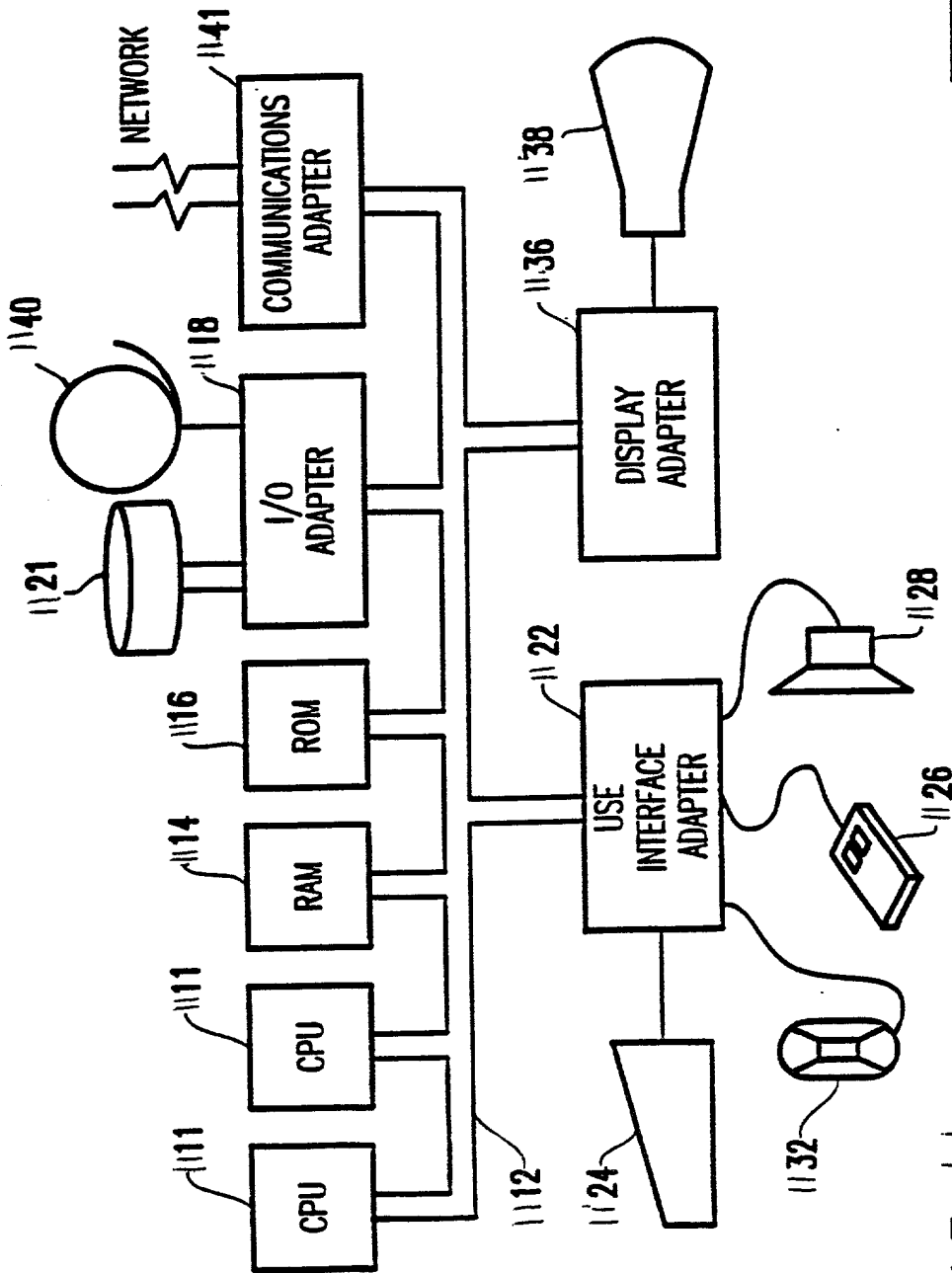


FIG. 11

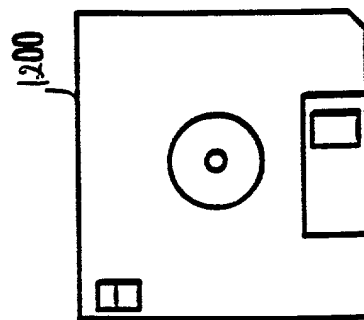


FIG. 12